

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

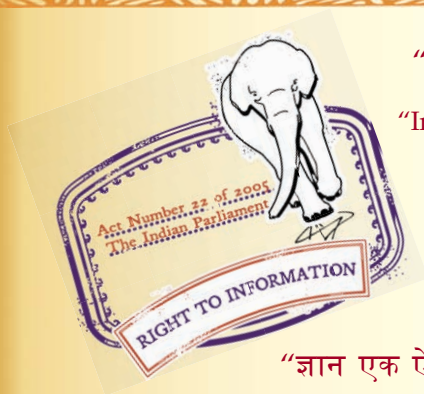
“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 10220 (1982): Descenders (type letter 'E') for
Mountaineering [PGD 27: Mountaineering Equipment]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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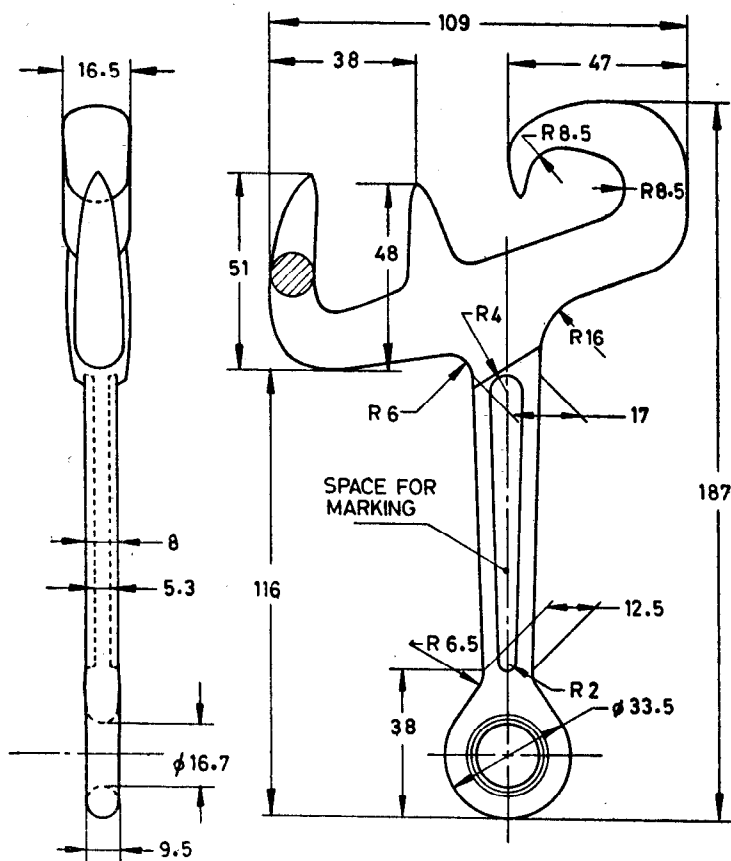
Indian Standard

SPECIFICATION FOR DESCENDERS (TYPE LETTER 'E') FOR MOUNTAINEERING

1. Scope — Covers the requirements for descenders of type letter 'E' for mountaineering.

2. Dimensions —

All dimensions in millimetres



3. Material — Aluminium alloy to designation 24345 - WP of IS : 734 - 1975 'Specification for wrought aluminium and aluminium alloy forging stock and forgings (for general engineering purposes) (second revision)'.

4. Mass — The mass of the descenders shall be 150 g, *Max.*

5. Workmanship and Finish

5.1 The descenders shall be suitably forged. They shall be free from cracks and other defects. All holes shall be chamfered on all sides.

5.2 The descenders shall be given anodic coating to Grade AC15 of IS : 1868 - 1968 'Specification for anodic coatings on aluminium (first revision)'.

6. Tests

6.1 Tensile Test — Each descender shall be subjected to tensile load of 12 kN without showing any failure.

Adopted 27 July 1982

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6.2 Crack Detection Test — Each descender shall be subjected to crack detection test.

7. Marking — Each descender shall be legibly and indelibly stamped or marked with the manufacturer's name, initials or recognized trade-mark and the year of manufacture.

7.1 ISI Certification Marking — Details available with the Indian Standards Institution.

EXPLANATORY NOTE

This standard lays down the requirements of decenders of type letter E for mountaineering. Although maximum mass has been specified but all efforts, should be made to reduce the mass of the descenders without affecting the strength of the tool.